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Applicant	
Syed F.A. Hossainy et al.	
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U.S. PATENT DOCUMENTS

Examiner Initial	Ref. No.	Document Number	Date of Patent	Name	Class	Subclass	Filing Date If Appropriate
CH	A1	2,072,303	3/2/37	Herrmann et al.	128	335.5	
	A2	3,929,992	12/30/75	Sehgal et al.	424	122	
	A3	4,151,413	4/24/79	Arnold	250	270	
	A4	4,316,885	2/23/82	Rakhit	424	122	
	A5	4,325,903	4/20/82	Wissbrun et al.	264	176 R	
	A6	4,650,803	3/17/87	Stella et al.	514	291	
	A7	5,100,883	3/31/92	Schiehser	514	183	
	A8	5,102,876	4/7/92	Caufield	514	183	
	A9	5,118,677	6/2/92	Caufield	514	183	
	A10	5,118,678	6/2/92	Kao et al.	514	183	
	A11	5,120,725	6/9/92	Kao et al.	514	183	
	A12	5,120,727	6/9/92	Kao et al.	514	183	
	A13	5,120,842	6/9/92	Failli et al.	540	452	
	A14	5,138,051	8/11/92	Hughes et al.	540	456	
	A15	5,151,413	9/29/92	Caufield et al.	514	63	
	A16	5,162,333	11/10/92	Failli et al.	514	291	
	A17	5,169,851	12/8/92	Hughes et al.	514	291	
	A18	5,221,740	6/22/93	Hughes	540	456	
	A19	5,258,389	11/2/93	Goulet et al.	514	291	
	A20	5,344,833	9/6/94	Hughes	514	291	
	A21	5,383,928	1/24/95	Scott et al.	623	1	
	A22	5,480,599	1/2/96	Leven et al.	264	53	
	A23	5,527,907	6/18/96	Or et al.	540	456	
	A24	5,575,818	11/19/96	Pinchuk	623	1	
	A25	5,583,139	12/10/96	Or et al.	514	291	
V	A26	5,665,772	9/9/97	Cottens et al.	514	514	

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CH	A27	5,672,605	9/30/97	Or et al.	514	291	
	A28	5,707,867	1/13/98	Glenn	435	375	
	A29	5,798,355	8/25/98	Steiner et al.	514	248	
	A30	5,843,960	12/1/98	Steiner et al.	514	317	
	A31	5,846,981	12/8/98	Steiner et al.	514	317	
	A32	5,897,911	4/27/99	Loeffler	427	2.25	
	A33	5,898,029	4/27/99	Lyons et al.	514	12	
	A34	5,912,253	6/15/99	Cottens et al.	514	291	
	A35	5,932,243	8/3/99	Fricker et al.	424	450	
	A36	5,962,007	10/5/99	Cooper et al.	424	426	
	A37	5,700,286	12/23/97	Tartaglia et al.	623	1	
	A38	5,985,890	11/16/99	Cottens et al.	514	291	
	A39	6,001,117	12/14/99	Huxel et al.	606	191	
	A40	6,013,621	1/11/00	Nishi et al.	514	2	
	A41	6,015,815	1/18/00	Mollison	514	291	
	A42	6,139,573	10/31/00	Sogard et al.	623	1.13	
	A43	6,143,037	11/7/00	Goldstein et al.	424	422	
	A44	6,200,985	3/13/01	Cottens et al.	514	291	
	A45	6,214,901	4/10/01	Chudzik et al.	523	113	
	A46	6,228,934	5/8/01	Horowitz et al.	524	800	
	A47	6,273,913	8/14/01	Wright et al.	623	1.42	
	A48	6,281,225	8/28/01	Hearst et al.	514	297	
	A49	6,284,788	9/4/01	Mittendorf et al.	514	445	
	A50	6,384,046	5/7/02	Schuler et al.	514	291	
	A51	6,387,124	5/14/02	Buscemi et al.	623	1.42	
	A52	6,475,235	11/5/02	Jayaraman	623	1.15	11/16/99
	A53	6,547,819	4/15/03	Strecker	623	1.22	4/13/01
	A54	6,713,119	3/30/04	Hossainy et al.	427	2.25	12/23/99

U.S. PATENT APPLICATION PUBLICATION DOCUMENTS

Examiner Initial	Ref. No.	Document Number	Date of Publication	Name	Class	Subclass	Filing Date If Appropriate
CH	A55	2001/0046518	11/29/01	Sawhey	424	486	8/14/98

Casey Happeiun 2-17-2006

CH	A56	2002/0007213	1/17/02	Falotico et al.	623	1.21	5/7/01
	A57	2002/0007214	1/17/02	Falotico	623	1.21	5/7/01
	A58	2002/0007215	1/17/02	Falotico et al.	623	1.21	5/7/01
	A59	2002/0016625	2/07/02	Falotico et al.	623	1.13	5/7/01

FOREIGN PATENT DOCUMENTS

Examiner Initial	Ref. No.	Document Number	Date of Publication	Country	Class	Subclass	Translation Yes	Translation No
CH	B1	11299901	11/02/99	Japan (Abstract)			X	
	B2	EP 0 323 042	7/05/89	EPO				
	B3	EP 0 401 747	12/12/90	EPO				
	B4	EP 0 414 632	2/27/91	EPO				
	B5	EP 0 475 230	3/18/92	EPO				
	B6	EP 0 978 288	2/09/00	EPO				
	B7	EP 1 036 562	9/20/00	EPO				
	B8	EP 1 064 942	1/03/01	EPO				
	B9	WO 95/31104	11/23/95	PCT				
	B10	WO 96/13273	5/09/96	PCT				
	B11	WO 96/40140	12/19/96	PCT				
	B12	WO 97/03654	2/06/97	PCT				
	B13	WO 97/31020	8/28/97	PCT				
	B14	WO 98/02441	1/22/98	PCT				
	B15	WO 98/04256	2/05/98	PCT				
	B16	WO 98/09523	3/12/98	PCT				
	B17	WO 98/10747	3/19/98	PCT				
	B18	WO 98/44921	10/15/98	PCT				
	B19	WO 98/44922	10/15/98	PCT				
	B20	WO 99/19471	4/22/99	PCT				
	B21	WO 99/19473	4/22/99	PCT				
	B22	WO 99/24036	5/20/99	PCT				
	B23	WO 99/39720	8/12/99	PCT				
	B24	WO 99/42104	8/26/99	PCT				
	B25	WO 99/44584	9/10/99	PCT				
	B26	WO 99/44597	9/10/99	PCT				
	B27	WO 99/60997	12/02/99	PCT				

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CH	B28	WO 99/61040	12/02/99	PCT				
	B29	WO 00/09085	2/24/00	PCT				
	B30	WO 00/15208	3/23/00	PCT				
	B31	WO 00/24390	5/04/00	PCT				
	B32	WO 00/32234	6/08/00	PCT				
	B33	WO 00/32238	6/08/00	PCT				
	B34	WO 00/33878	6/15/00	PCT				
	B35	WO 00/38703	7/06/00	PCT				
	B36	WO 00/38590	7/06/00	PCT				
	B37	WO 00/38754	7/06/00	PCT				
	B38	WO 00/42949	7/27/00	PCT				
	B39	WO 00/56247	9/28/00	PCT				
	B40	WO 00/57818	10/5/00	PCT				
	B41	WO 00/66122	11/09/00	PCT				
	B42	WO 00/71052	11/30/00	PCT				
	B43	WO 00/74665	12/14/00	PCT				
	B44	WO 01/14387	3/01/01	PCT				
	B45	WO 01/23395	4/05/01	PCT				
	B46	WO 02/058753	8/01/02	PCT				
	B47	WO 03/035131	5/01/03	PCT				
	B48	WO 03/082368	10/9/03	PCT				
	B49	WO 05/004945	1/20/05	PCT				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

CH	C1	Anonymous, *A Simple Approach for Glass Transition Temperature Prediction*, http://www.geocities.com/ResearchTriangle/Thinktank/4146/6400glass-temperature.html, printed 5/5/05 (2 pages).
	C2	Anonymous, *Appendix I – Glass Transition Temperature (T_g)* www.Dymax.com/pdf/SPIE-Paper-Apendix.pdf, printed 5/9/05 (2 pages).
	C3	Anonymous, *Differential Scanning Calorimetry*, http://www.pslc.ws/macrog/dsc.htm, printed 5/905 (8 pages).
	C4	Anonymous, *Glass transition temperature*, http://palimpsest.stanford.edu/don/dt/dt1549.html, printed 5/5/05 (1 page).
	C5	Anonymous, *Glass Transition Temperature*, http://islnotes.cps.msu.edu/trp/back/mol_glas.html, printed 5/5/05 (1 page).
	C6	Anonymous, *How Big are Polymers?* www.chemeng.ucla.edu/che112/Notes, printed 5/9/05 (13 pages).
	C7	Anonymous, *Measuring and Understanding Tg (Glass Transition Temperature)*, Arlon, Application Notes (4 pages).

Casey Hagopian 2-17-2006

CH	C7	Anonymous, *Measuring and Understanding Tg (Glass Transition Temperature)*, Arlon, Application Notes (4 pages).
	C8	Anonymous, *Stenting continues to dominate cardiology*, Clinica 720:22 (Sept. 2, 1996), http://www.dialogweb.com/cgi/document?req=1061848017752, printed 8/25/03 (2 pages).
	C9	Anonymous, *The Glass Transition*, http://www.pslc.ws/macrog/tg.htm, printed 5/18/05 (11 pages).
	C10	Anonymous, *Thermoplastics – An Introduction*, http://www.azom.com/details.asp?ArticleID+83&head=Thermoplastics%2B-%2BAn%2BIntroduction, printed 5/18/05 (5 pages).
	C11	Arvanitoyannis et al., *Novel star-shaped polylactide with glycerol using stannous octoate or tetraphenyl tin as catalyst: 1 Synthesis, characterization and study of their biodegradability,* Polymer vol. 36, no. 15, pp.2947-2956 (1995).
	C12	Baird et al, *Dielectric behaviour and morphology of polyvinylidene fluoride*, Journal of Material Science 10:1248-1251 (1975).
	C13	Birmingham Polymers, Inc., DLPLA IV vs. Mw, http://www.birminghampolymers.com/htdocs/dlpla.htm, printed 4/26/04 (1 page).
	C14	Birmingham Polymers, Inc., Standard Products, http://www.birminghampolymers.com/htdocs/Standard_Products.htm, printed 4/26/04 (2 pages).
	C15	Birmingham Polymers, Inc., *Physical Properties of Selected Polymers,* http://www.birminghampolymers.com/htdocs/physical_properties.htm, printed 4/26/04 (2 pages).
	C16	Birmingham Polymers, Inc., *Chemical Properties of Selected Polymers,* http://www.birminghampolymers.com/htdocs/Chemical_Properties.htm, printed 5/19/05 (2 pages).
	C17	Birmingham Polymers, Inc., *Biodegradation Information,* http://www.birminghampolymers.com/htdocs/biodegradation.htm, printed 4/26/04 (2 pages).
	C18	Black et al., *Glass Transitions of Some Block Copolymers*, Journal of Applied Polymer Science 18:2307-2310 (1974).
	C19	Bliznyuk et al., *Surface Glass Transition Temperature of Amorphous Polystyrene Measured By SFM,* pp. 1-5.
	C20	Bloembergen et al., *Studies of composition and Crystallinity of Bacterial Poly(β-hydroxybutyrate-co-β-hydroxyvalerate),* Macromolecules 19, pp. 2865-2871 (1986).
	C21	Buchholz et al., *Cooling rate dependence of the glass transition temperature of polymer melts: Molecular dynamics study*, Journal of Chemical Physics 117(15):7364-7372 (Oct. 15, 2002).
	C22	Ding et al., *Novel Synthesis of Poly(p-phenylene sulfide) from Cyclic Disulfide Oligomers*, Macromolecules 29:4811-4812 (1996).
	C23	Eling et al., *Biodegradable materials of poly(L-lactic acid): 1. melt-spun and solution-spun fibres,* Polymer, vol. 23, pp. 1587-1593 (1982).
	C24	Fernandez-Martin et al., *Glass Transition Temperature and Heat Capacity of Heterotacticlike PMMA,* Journal of Polymer Science: Polymer Physics Edition 19:1353-1363 (1981).
	C25	Forrest et al., *Effect of Free Surfaces on the Glass Transition Temperature of Thin Polymer Films*, Physical Review Letters 77(10):2002-2005 (Sept. 2, 1996).
	C26	Fryer et al., *Dependence of the Glass Transition Temperature of Polymer Films on Interfacial Energy and Thickness*, Macromolecules 34(16):5627-5634 (2001).
	C27	Fujii et al., *Investigation of the Stereoregularity of Poly(vinyl Alcohol)*, Journal of Polymer Science: Part A 2:2327-2347 (1964).
	C28	Gee et al., *The effect of ionizing radiation on the thermal properties of linear high polymers: Part 2. Nylon-6*, pp. 192-197 (1970).
✓	C29	Grohens et al., *Tacticity and surface chemistry effects on the glass transition temperature of thin supported PMMA films*, Mat. Res. Soc. Symp. 629:FF1.7.1-FF1.7.7 (2000).

Casey Haggopian 2-17-2006

CH	C30	*Guidant Licenses Everolimus From Novartis for Drug Eluting Stents* (Press Release, March 27, 2002), http://biz.yahoo.com/bw/020327/272460_1.html, printed 03/29/02 (2 pages).
	C31	*International Nonproprietary Names for Pharmaceutical Substances (INN)*, WHO Drug Information 14(3):183, 184, 194 (2000) (3 pages).
	C32	International Search Report and Written Opinion for PCT/US2004/017060, filed 5/28/04, mailed 12/30/04, 10 pgs.
	C33	Jacobsen et al., *Filling of Poly(Lactic Acid) With Native Starch*, Polymer engineering and Science, vol. 36, no. 22, pp. 2799-2804 (1996).
	C34	*KYNAR® and KYNAR®FLEX PVDF, The Base Resins for Demanding Industrial Applications*, http://www.products.arkemagroup.com/print.cfm, printed 5/18/05 (3 pages).
	C35	Lam et al., *Biodegradation of porous versus non-porous poly(L-lactic acid) films*, J. of Materials Science: Materials Medicine 5, pp. 181-189 (1994).
	C36	Löfgren et al., *Synthesis and Characterization of Biodegradable Homopolymers and Block Copolymers Based on 1,5-Dioxepan-2-one*, Macromolecules 27:5556-5562 (1994).
	C37	Lotz, *Phase Transitions and Structure of Crystalline Polymers*, pp. 1-27.
	C38	Micoulaut et al., *Glass Transition temperature variation, cross-linking and structure in network glasses: A stochastic approach*, Europhysics Letters 47(5):568-574 (Sept. 1, 1999).
	C39	Migliaresi et al., *Dynamic Mechnical and Calorimetric Analysis of Compression-Molded PLLA of different Molecular Weights: Effect of Thermal Treatments*, J. of Applied Polymer Science, vol. 43, pp. 83-95 (1991).
	C40	Nijenhuis et al., *Highly crystalline as-polymerized poly(L-lactide)*, Polymer bulletin 26, pp. 71-77 (1991).
	C41	Parravicini et al., *Crystallization of Poly(Ethylene Terephthalate) (PET) from the Oriented Mesomorphic Form*, pp. 875-885 (1994).
	C42	Reeve et al., *Polylactide Stereochemistry:Effect on Enzymatic Degradability*, Macromolecules 27, pp. 825-831 (1994).
	C43	Rogers et al., *Glass Formation in Polymers. I. The Glass Transitions of the Poly-(n-Alkyl Methacrylates)*, 61:985-990 (July 1957).
	C44	Sarasua et al., *Crystallization and Melting Behavior of Polylactides*, Macromolecules 31, pp. 3895-3905 (1998).
	C45	Scott et al., *Ehtylene-Vinyl Acetate Semi-Batch Emulsion Copolymerization: Use of Factorial Experiments for Process Optimization*, pp. 539-555 (1993).
	C46	Sichina, *Characterization of Polymers by TMA*, Perkin Elmer Polymers technical note (9 pages).
	C47	Sun et al., *Novel Copolyesters Containing Naphthalene Structure. I. From Bis(hydroxyalkyl)naphthalate and Bis[4-(2-hydroxyethoxy)aryl] Compounds*, Journal of Polymer Science: Part A: Polymer Chemistry 34:1783-1792 (1996).
	C48	Taylor et al., *Applied approach to film formation; The glass transition temperature evolution of plasticized latex films* (22 pages).
	C49	*TECHSPRAY Product Information, HFE Flux Remover*, http://www.techspray.com/1686info.htm, printed 5/9/05 (2 pages).
	C50	Tsige et al., *Simulation study of the glass transition temperature in poly(methyl methacrylate)*, Physical Review E 65:021805-1-021805-8 (2002).
	C51	*Transplant 2001: Certican (Everolimus) Effective in Preventing Acute Rejection in Renal Transplantation*, http://www.docguide.com/dg.nsf/PrintPrint/A9A24F321A71712485256A4E00689824, printed 5/9/05 (2 pages).

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